

Radiation Damage and Diffusion Processes in the
Nobel Metals, by A. Seeger.
GERMAN, per, Z. Naturforsch., 10a, 1955,
pp 251-253.
*NBS TT 70-57313

Sci-Mat
Aug 70

Directional Focusing of Second Order in Doublefocusing Spectrographs with a Straightline Image Curve, by H. Hinterberger.

GERMAN, per, Z. Naturforsch, Vol Xa, No 4, 1955, pp.
344.

ASLIB-GB43

Sci

Aug 58

71,057

Calculation of the Matrix Elements of the Retardation Factor With the Characteristic Functions of Hydrogen,
by G. Elwert.
GERMAN, per, Z fuer Naturforschung, Vol Xxa, No 5,
1955, pp 361-365.
NASA TT F-8730

Sci-Chem
May 64
U.S. GOVERNMENT ONLY

257,499

Investigation of the Combined Approximation
Method, by H. Preuss.
GERMAN, per, Zeit Naturforsch., Vol CII,
1955, pp 365-373.
NASA TT P-10,857

Sci - SciMethods & Equip
Jun 67
GOVERNMENT USE ONLY

326,098

Semi-Asymptotic Series for Diffraction of a
Plane Wave on a Cylinder, by Walter Frans,
Raimond Gallie, 15 p.

GERMAN, per, Zeit fur Naturforschung, 1955,
Vol XA, No 5, pp 374-376.

SLA 59-10500

Sci
Mar 60
Vol 2, No 12

109257

Information on the α -Globulins of Normal Human Serum, by H. E. Schultze, I. Gollner, K. Heide,
M. Schonenberger, G. Schwick, 3⁵ pp.

GERMAN, per, Z Naturforsch, Vol X, 1955, pp 463-473.

NIH 5-10

Sci - Med

May 58

64,343

Light-Dispersion Measurements on Plasma Proteins,
by M. Schonenberger, 12 pp.

GERMAN, per, Z Naturforsch, Vol X, 1955, pp 474-
478.

MM 5-9

Sci - Med

May 58

64,342

A Gute Photocell, by R. Gremmelmair, 2 pp.

GERMAN, per., Z. fuer Naturforschung, Vol X3,
1955, pp 501-502.

CIA/FDD/Z-206

Scientific - Physics, solar radiation

30, 871

Solid Solution in A^{III} B^V Compounds, by
O. G. Falberth, 3 pp.

GERMAN, per, Zeit fur Naturforschung, Vol XA,
1955, pp 502-503.

Z-164
CIA/FDD/DEX

28,612

Physics

Scientific - Chemistry

Nov 55 CTS/DEX

Blocking Properties of Alloyed Silicon Junction
Rectifiers, by Adolf Heriet, Hubert Patalong, 6 pp.

GERMAN, per, Z fuer Naturforschung, Vol Xa, No 7,
1955, pp 584-586.

SLA 59-15851

Sci
Dec 59
Vol 2, No 4

102, 703

The Production and Electrical Properties of InP and
Binary GaAs, by O. G. Falberth, H. Weiss, 6 pp.

GERMAN, per, Zeit fur Naturfor, Vol Xa, 1955,
pp 615-619.

CIA/PDC Z-243
A.P.C. - 321

Sci - Electricity, chemistry 39,502

Photoeffect in Lead Sulphide and Allied
Compounds, by R. Stein, B. Reuter.
GERMAN, per, Zeit Naturforsch, Vol 10 A,
1955, pp 655-656.
NLL Ref: 5828.4F (12955)

Sci-Mat
May 69

827
380,287

The Improvement and Present Capability of the
Double Focusing Mass-Spectrograph, by R. Bieri,
F. Everling, J. Mattauch, 17 pp.

GERMAN, por, Z fuer Naturforschung, Vol Xa,
1955, pp 659-667.

AIC-tr-5314

Sci - Engr

Jan 63

218, 847

list 74

Flecher, E. G. and Hafner, W.
DI-BENZENE CHROMIUM. Pt. I on Aromatic Complexes of Metals. [1962] 10p. (1 fig. omitted) 38 refs
Order from SLA \$1.10

62-18007
I. Flecher, E. G.
II. Hafner, W.
III. Title: Aromatic ...
62-18007

Trans. of Z[tschrif für] Naturforschung (West Germany) 1955, v. 10b, no. 12, p. 665-668.
Another trans. is available from SLA \$1.10 as
62-18007

DESCRIPTION: Compounds, Metallic compounds,
*Metalorganic compounds, Transition elements,
*Benzene, *Chromium.

For abstract see Technical Translations 2: 612, 1962.

(Chemistry--Organic. TT, v. 8, no. 8)

Office of Technical Services

Scintillation Counting of (α , α) and Neutron
Fission Reactions as an Isotopic Analysis of Lithium,
Boron, and Uranium, by R. Warko, E. U. Honse, 6 pp.

GERMAN, per, Z. Naturforsch., Vol Xa, 1955, pp 667-669.

AEC Tr 2535

Sci - Chemistry
Aug 1956 CTS/dex

37,485

Activation Disturbances in a Neutron Field by
Indium Foil, by H. Meister, 37 pp.

GERMAN, per, Z Naturforsch, Vol Xa, 1955,
pp 669-680.

AEC UCRL-Trans-630(L)

Sci - Phys
May 61

150, 383

Extractions of Ions From Plasmas and
Plasma-Like Formations, by W. Fischer,
W. Welches, 18 pp.

GERMAN, per, Z fuer Naturforschung,
Vol. Xa, No 11, 1955, pp 857-863.

SLI 60-18046

Sci
Vol IV, No 9 187, 215
Mar 62

Mass-Spectrometrical Studies of the
Field Emission of Positive Ions, by
Mark G. Inghram, Robert Gomer, J. D. pp/
[redacted]

GIESMANN, per, Z. fuer Naturforschung,
Vol. Xa No. 11, 1955, pp 869-872.

SLA 60-18036

Sci

Feb 62

186, E 31

The Form of Magnetic Sector Fields, Taking
Into Account the Strey Field, by H. Hinten-
berger.

GERMAN, per, Z. Naturforsch., Vol XA, 1955,
pp 877-886. CIA 9004855

SLA 54-10-70

AFC TR 33-19 TIL
9066995 ~~MM~~ No 4767

Sci - Geophysics

48, 475

Influence of Stray Magnetic Fields on the Position and Quality of Images in Mass Spectrographs and Spectrometers, by Richard F. K. Herzog, 19 pp.

GERMAN, per, Z. fuer Naturforschung, Vol Xa,
1955, pp 887-893. 90669282

AEC Tr-5282

Nuc
Sci - Phys
Oct 62

~~215,539~~

Optical Determination of the Temperature Dependence
of the Forbidden Energy Gap in Type A_{III}B_V Semi-
conductors, by F. Oswald, 5 pp.

GERMAN, por, Zeit fur Naturfor, Vol Xa, 1955,
pp 927-930.

CIA/FDD Z-245

Sci - Electronics, physics

39,509

Observations on a "Transistor Effect" in Indium Phosphide Discovered by H. Welker, by D. A. Jenny, 3 pp.

GERMAN, per, Zeit fur Naturfor, Vol Xa, 1955,
pp 1032-1033.

CIA/PDD Z-2⁴
~~X~~

Sci - Electronics, physics,
chemistry

39,507

Light and Electron Microscopic Studies on the Pathology
of "Lorsch's Disease" in white grubs and on the
cytology of Rickettsia melolonthae nov. spec., by
A. Krieg, 13 pp.

Full translation.

GERMAN, per, Ztschr.f.Naturforsch, Vol X-b, No 1, 1955,
pp 34-37.

Scientific - Biology
Electronics

28,170 NIH TR 714

NOV
Oct 55
CRS/DEK

The Highly Subdivided Transverse Striation of
Collagen, by Th. Kometeschek, W. Grasemann,
U. Hofmann, 29 pp.

GEOMIN, Z. Amer Naturforschung, Vol Ib, No 2,
1955, pp 61-77.

NIH Tr 11-29

Sci - Medicine
Dec 56 CMS

S.b. f. 1387

41, 833

Studies on the Virus of the Variola Vaccine. IV
Morphology of the "Internal Body," by W. Stoeckenius,
D. Peters, 17 pp. UNCLASSIFIED

GERMAN, per, Z fuer Naturforschung, Vol X-b, No 2,
1955, pp 77-80.

NIH 2-28

Sci - Med

60, 294

Mar 58

Cyclopentadienyl-Metal-Carbonyl-Hydrides of
Chromium, Molybdenum, and Tungsten, by E. O.
Fischer, et al.

GERMAN, per, MEHR Zeitung der Naturforschung,
No 108, 1955, pp 140-143.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Dr 209

Sci - Min/Met
June 59

88,565-

Wiberg, Egon, May, Adolf, Nöth, Heinrich and
Gösele, Wilhelm.
TRANSFORMATION OF ALUMINUM HYDRIDE WITH
AMMONIA AND AMINES, PTS. I-[VII]. [1964] 43p
37refs
Order from SLA \$4.60

TT-64-11925

Trans. of Zeitschrift für Naturforschung (West
Germany) 1955, v. 10b, p. 29-240.
Another trans. is available from K-H \$43.00 as
K-H-3564 [1963] 43p.

(Chemistry--Inorganic, TT, v. 11, no. 11)

TT-64-14925

I. Wiberg, E.
II. May, A.
III. Nöth, H.
IV. Gösele, W.

Office of Technical Services

The Effect of Surface Reactions on the Formation of
Natural and Synthetic Calcium Phosphates, by S.
Hayek, 4 pp.

GERMAN, per, Mat. Naturforschung, Vol 10, 1955,
pp 420, 421.

ADS 37L301
AT&T 1968

Sci - Chem
Sep 59
Vol 2, No 2

98,003

<p>Fischer, E. O. and Hafner, W. DIBENZENE CHROMIUM. Pt. I on Aromatic Complexes of Metals. [1961] 5p. (1 fig. [refs.] omitted). Order from SLA §1.10 62-10385</p> <p>Trans. of Zeitschrift für Naturforschung (West Germany) [1955] v. 10b, no. 12 [p. 666-668].</p> <p>DESCRIPTORS: Complex ions, Metallic compounds, *Metalorganic compounds, Transition elements, *Benzene, *Chromium</p> <p>In the further development of the conception formed on Fe II (C_6H_5)₂, that the aromatic systems with the transition elements, can form the penetration complexes, we succeeded in preparing a yellow, water-soluble dibenzene-chromium (II)-cation $[Cr(C_6H_5)_2]^+$. It can be reduced into an uncharged brownish-black (Chemistry--Organic, TT, v. 7, no. 9) (over)</p>	<p>62-10385</p> <p>I. Fischer, E. O. II. Hafner, W. III. Title: Aromatic...</p> <p>Office of Technical Services</p>
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Structure of the Tail of Phages T2 and T4 and the Mechanism of Irreversible Adsorption, by E. Kellenberger, W. Arber, 22 pp.

GERMAN, per, Zeit fuer Naturforschung, Vol Xb, No 12, 1955, pp 690-704.

SLA 54-1259

NIH Tr: 10-28

54, 673

Sci - Medicine

Oct 57

The Structure of Thin Oxide Layers on Monocrystal
Iron Layers, by Oswald Haase.

GERMAN, per, Z fuer Naturforschung, No 11a,
Jan 1956, pp 46-54.

BISI 5460

Navy Tr 1528/NRL-630

Sci - Chem

SLA 57-
53,567

Oct 57

Foreign Gas Hindered and Pure Molecular Flow
Through Multiple Bent Tubes as a Model for a
Pore System, by J. W. Hiby, M. Pahl, 10 pp.

GERMAN, per, Z Naturforsch, Vol XIa, 1956, pp
90-81.

AEC 3463

Sci - Nuc Phys

Jan 59

79,564

Analyzing of the Most General Form of the Strain
Tensor, by E. Kroener.

ONLINE, per, Z. Naturforschung, Vol XIa, 1956,
pp 163 95, 96.

AT& 307-1J

Sci
Nov 59

100,421

Determination of the Effective Masses in InSb and
InAs From Differential Thermovoltage Measurements,
by H. Weiss.

GERMAN, par, Zeit fuer Naturforschung, Vol XIa,
1956, pp 131-138. CIA9010132

541.57-14
A.C.S.I.L. Tr 858
AEC - 241-
49,885

Sci - Chemistry
Jul 57

On a Thermal Ion Source With Extremely Small
Material Consumption, by H. Hintenberger,
C. Lang.

GERMAN, per, Zeit Naturforsch, Vol XIa, 1956,
p 167.

AEC Tr 2469

Scientific - Chemistry
- Physics
Jun 56 CMS/dex

36,289

AFB:113
G.W.G.

The Theory of the Anode Fall.. V.
Hissing of Solid-carbon, High-Current
Arcs in Air, by W. Bez, K. H. Hockar.
GERMANY, per, Zeit Naturforsch, Vol XI,a
No 3, 1956, pp 192-196.
NASA TT P-10,401

U. S. GOVERNMENT USE ONLY
Sci-Mechanical, Civil
Dec 66

314,952

On the Stability of Vertical Melting Zones, by
A. Hoywang.
Göttingen, per, Zeit. Naturforsch., Vol 11a, 1956,
pp 238-245. P911010667
REC UNCL-tr-1401

SLA TR 57-1347

Sci/Atmospheric Sciences
Feb 67

318,517

The Dark Conductivity and Photo-Conductivity of Anthracene, by H. J. Zinszer, 8 pp.

GERMAN, per, Zeit. für Naturforschung, Vol XIa,
No 4, 1956, pp 306-311. CIA 9003316

A.C.S.I.L. Tr No 892

Sci - Chemistry
Mar 1957 CM8/dex

45-277

Friedmann, H.
CHARACTERISTIC ENERGY LOSSES OF MEDIUM-
FAST ELECTRONS IN Se LAYERS OF VARIOUS
STRUCTURES. [1963] 11p.
Order from ATS \$15.00

ATS-74Q67G

Trans. of 2[Zeitschrift für] Naturforschung
(West Germany) 1956, v. 11a, p. 373-379.

DESCRIPTORS: *Selenium, *Electrons, Energy,
Semiconducting films, Crystal structure.

63-17113

I. Friedmann, H.
II. ATS-74Q67G
III. Associated Technical
Services, Inc.,
East Orange, N. J.

(Physics--Solid State, TT, v. 10, no. 1)

Office of Technical Services

Low Temperature Measurements of the Magnetic Change
of ~~W~~ Resistance and the Reduced Kohler Dia-
gram of Rhenium Wires, by G. lautz and W. Ruppel,
6 pp.

GERMAN, per, Z. Naturforsch, Vol XIIa, No 5, 1956,
pp 379-382.

SLA Nr 57-2755

Sci

Jul 58

68,313

Detection of Neutrons With an Indium Phosphide
p-n Element, by R. Gremmelmaier, H. Welker, 6 pp.
UNIL.

GERMAN, phys., Z fuer Naturforschung, Vol XIa,
1956, pp 400-422. CIA 9036661

Sci - Radio Chem
Mar 59

AC81L 939
CEA TR-A 930
Reverse Tr. ~~for~~ translation
606

Hydrogen-like Model of the Valence in Semiconducting

Compounds of the A^{III}B^V type, by W. Heywang, B. Seraphim

SERAPHIM
ROSIAN, per, Zeit. F. Naturf., Vol. 11a, No. 6, 1956,
pp. 425-429. C/2 9014840

A.CSL Tr 906

*Morris D. Friedman for LincolnLib
(Will appear in SLA later)

Sep 57

Electrical Properties of Solid Solutions of the
Form In(As_xP_{1-x}), by H. Weiss.

GERMAN, per, Zeit Fuer Naturforschung, Vol XIIa,
No 6, 1956, pp 430-434. CIA D 9010694.

A.C.S.I.L. Tr 907

Sci - Chemistry
Jul 57

49, 888

X-Ray Photo-Effect in p-n Barrier Layers of
GeAs, by H. Pfister, 9 pp. UNCLASSIFIED

GREINER, per, Z fuer Naturforschung, Vol XIa,
No 6, Jun 1956, pp 434-439. CIA 9030917

AC8IL Tr 905

Sci - Phys
Aug 58

70, 134

X-Ray Photo-Effect In p-n Barrier Layers Of GaAs
by H. Phister.

GERMAN, per, Zeitschrift Fur Naturforschung, Vol XIa,
No 6, 1956, pp 434-439.

CSIRO

Oct. 62

Spectrum Analysis Investigations of the Starting Materials for Semiconducting A₁₁₁ B^V Compounds, by E. Colling, 8 pp.

GERMAN, per, Z.fuer Naturforschung, Vol XIa, 1956,
pp 459-463. CIA 9014839

ACSL Tr 906

57/196

SLH 57-463

Sci - Physics
Jan 58

On the Introduction and Effect of Impurities in
Indium Arsenide, by E. Schillmann, 38 pp.

GERMAN, per, Z Naturforschg, Vol XIa, 1956, pp 463-
472. 964575

SLA 50-16524
SLA Tr 57-1857

Sci

Jun 58

65, 888

The Diffusion of Impurities in Indium Arsenide,
by E. Schilmann, 8 pp.

GEIMAN, per, Z fuer Naturforschung, Vol XIa,
Jan 1956, pp 472-477. CIA 9014837

AC8IL Tr No 903

Sci - Chem
Jan 58

57,194

Theory of Thermal Conductivity of Isotropic
Semiconductors in a Magnetic Field, by
O. Madelung, 11 pp. UNCLASSIFIED

GERMAN, per, Z fuer Naturforschung, Vol XIa,
No 6, Jun 1956, pp 478-481. CIA 9030916

ACSL Tr 909

Sci - Phys
Aug 58

70, 138

Organophilic Vermiculite, by A. Weiss
GERMAN, per, Zeitschrift fur Naturforschung,
Vol. IIb, No. 8, 1956, pp 431-444.
CSIRO No. 7431

Sci -
Aug 67

336-142

On Ethers and Amines of Hydrides
and Double Hydrides, Pts. II-VI, 20p.
GERMAN, per, Zeitschrift für Naturforschung,
Vol 11b, 1956, pp 485-501.
SLA TM-65-10334

333, 776

Sci
Jul 67

<p>Wiberg, Egon and Gosele, Wilhelm. ON ETHERATES AND AMINATES OF HYDRIDES AND DOUBLE HYDRIDES, PTS. II-VI. [1963] 19p Order from K-H \$19.00 K-H 9086</p> <p>Trans. of Zeitschrift für Naturforschung (West Germany) 1956, v. 11b, p. 485-486.</p> <p>DESCRIPTORS: *Hydrides, *Ethers, *Amines, Organic compounds.</p> <p>(Chemistry--Organic, TT, v. 11, no. 10)</p>	<p>TT-63-22829</p> <p>I. Wiberg, E. II. Gosele, W. III. K-H-9086 IV. Kresge-Hooker Science Library Associates, Detroit, Mich.</p> <p>Office of Technical Services</p>
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Production of Indium Arsenide and Gallium
Arsenide Monocrystals, by R. Gremmelmaier,
5 pp. UNCLASSIFIED

GERMAN, per, Zeitschrift fur Naturforschung,
No 11, 1956, pp 511-513.

ACSI E-7379
ID # 2149798

Sci - Chemistry
1M Jan 61

135,601

Design and Construction of Organs on an Acoustic Basis, by W. Lottermoser, 7 pp.

GERMAN, per, Z Naturforschung, Vol XIa, No 6,
1956, pp 515-517.

SLA 57-2041

Sci
May 58

63,266

NRC-TT-1467 Uncl.

A CONTRIBUTION TO OUR KNOWLEDGE OF NATURAL HIBERNATION AND THE ACTIVE SUBSTANCE GOVERNING IT.
II. Zirm, Konrad L. Translated by D. A. Sinclair (National Research Council of Canada, Ottawa), from Z. Naturforsch.: 11b: 535-8(1956). 10p.

blomed; translations

ND-48 NP RC

Unlimited

Reimer, L.

CRYSTALLITE SIZE AND COERCIVITY OF NI AND
Fe LAYERS DEPOSITED ELECTROLYTICALLY
AND FROM VAPOR. [1962] 14p. 6 refs.
Order from SLA \$1.60

I. Reimer, L.

62-16542

62-16542

Trans. of Z[eitschrift] für Naturforschung (West
Germany) 1956, v. 11a, no. 8, p. 649-655.

DESCRIPTORS: *Metal films, *Metallic crystals,
Nickel, Iron, *Vapor plating, *Electroplating,
Electron microscopy.

(Metallurgy, TT, v. 8, no. 10)

Office of Technical Services

The Separation of Uranium Isotopes With the
Separation Nozzle, by E. W. Becker, R. Schutte,
3 pp.

GERMAN, per, Z. Naturforsch, Vol ~~A~~ IIa, 1956,
p 679.

AEC Tr 2660

Sci - Nuclear Physics
Jan 57 CTS

42, 214

The Hall Generator With Feedback Control, by
H. Weiss.

GERMAN, part, Z. fuer Naturforschung,
XI(a), No 9, 1956, pp 684-688.

CSIRO

Sci - Engr
May 62

196, 403

The Fractionating Tube: XVII. Preparation of the
Rare Isotope ^{21}Ne in a Purity of 99.6%, by
K. Clusius, M. Huber, et al.

GERMAN, per, Zeit. Naturforschg, Vol 11a, 1956,
pp 702-709. P911056867

AEC MLM tr 1375

Sci/Materials
Mar 67

318,575

The Separation Tube, XVIII. Preparation of Pure
Rare Isotopes of Argon, ^{36}Ar and ^{38}Ar , by
K. Clusius, E. Schumacher, 11 pp.
GERMAN, per, Zeit Naturforschung, 11 a, 1956,
pp 709-715.

AEC/MLN-Tr-1680-69

Sci/Nucl
Dec 69

398,107

Grimminger, H. and Richter, H.
STRUCTURE OF THIN SUBLIMATED LAYERS OF
ARSENIC AND IODINE AT LOW TEMPERATURES.
[1963] [12]p. 23 refs.
Order from SLA \$1.60

63-14667

Trans. of Z[eitschrift für] Naturforschung (West
Germany) 1956, v. 11a, p. 942-945.

DESCRIPTORS: *Arsenic, *Iodine, *Sublimation,
Phase studies, Low temperature research, Structural
properties, Electron diffraction analysis.

As, Sb and I were sublimated in a low-temperature
chamber at the temperature of liquid air and studied in an
electron-diffraction tube at the same temperature as
well as after heating to room temperature. Amorphous
As layers showed distinct differences in the position of
the interferences, which indicates a change in the
(Physics - Solid State, TT, v. 10, no. 4) (over)

63-14667

I. Grimminger, H.
II. Richter, H.

Office of Technical Services

Schmidt, Kurt.

DECAY AND MECHANISM OF GAS LUMINESCENCE
USING EXCITATION BY FAST ELECTRONS
(Abklingung und Mechanismus der Lumineszenz von
Gasen bei Anregung durch Schnelle Elektronen). [1962]
[29]p. (foreign text included) 19 refs.
Order from SLA \$2.60

62-16024

Trans. of Z[eitung für] Naturforschung (West
Germany) 1956, v. 11a [no. 12] p. 1023-1030.

DESCRIPTORS: *Gases, *Luminescence, Excitation,
Electrons, *Electron bombardment, Pressure,
Spectrographic analysis.

The mechanism of excitation and quenching is investigated for gases (N₂, O₂, H₂, CO₂, Ne, Xe, Ar/N₂, He/Ne, and mixtures of all gases with N₂) bombarded by fast electrons (50 kev) at high pressure (up to 700 torr). Measurements were made primarily of spectra (Chemistry--Physical, TT, v. 8, no. 6) (over)

62-16024

I. Schmidt, K.

Office of Technical Services

On the Production of Metallic Germanium in a
Condenser Tube. On the Transportation of
Trichloride Germanium With Non-Saturated Compounds,
by R. Schwarz, E. Baroultcky.

GERMAN, per, Angew Chem, No 2/52, p 280-285;
Z Naturforsch, 10, 1956, pp 115, 116.

ASLIB-4854

Sci - Chem

Jun 59

89, 280

The Chemistry of Polyhalocyclopentadienes. XII.
Tetrahalocyclopentadienes, by R. Ricmarchneider,
et al., 5 pp.

GERMAN, per, Zeits fuer Natur, Vol XIb, 1956,
pp 172-174.

S.L.A. Tr 1032/1956

39,247

Sci - Chemistry

<p>Schmeisser, M. and Schwarzmann, M. SILICON-DIBROMIDE (SiBr_2)_x AND ITS DERIVATIVES. [1962] 12p. 13 refs. Order from SLA \$1.60</p> <p>62-16448</p> <p>Trans. of Z[eitschrift für] Naturforsch[ung] (West Germany) 1956, v. 11b, no. 5, p. 278-282.</p> <p>DESCRIPTORS: *Silicon compounds, *Bromides, Hydrolysis, Chlorination, Fluorination, Ammonia, Magnesium, Acetic acids, Chemical reactions, Hydrogenation, Grignard reactions.</p> <p>It is possible to obtain a silicon subbromide of the composition $(\text{SiBr})_x$ from SiBr_4 and magnesium in ether solution; at 120°C. from SiBr_4 and elementary silicon, besides the already known Si_2Br_6, originates the unknown until now $(\text{SiBr}_2)_x$ as colophonium-like, solid substance well soluble in benzene and other organic solvents. It was possible to obtain it by several methods. (Chemistry--Inorganic, TT, v. 8, no. 9) (over)</p>	<p>62-16448</p> <p>I. Schmeisser, M. II. Schwarzmann, M.</p> <p>Office of Technical Services</p>
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Experiments With Radioactive Indoleacetic Acid to
Test the So-Called Diversion of the Growth Hormone
Stream by Light, by Erwin Bunning, Hans J. Reisener,
Friedrich Weygand, Helmut Simon, Johann Friedrich
Klebe, 3 pp.

GERMAN, per, Z. Naturforsch, Vol XIIb, 1956, pp 363-
364.

AEC Tr 254

Sci - Chemistry
Aug 1956 CMS/dax

37, 490

Cation Exchange and intra-Crystalline expansion
Capacity in Minerals of the Mica Groups, by
Armin Weiss, Albert Mehler, Ulrich Hoimann,
11 pp.

GERMAN, per, Z. Naturforsch, Vol XIIb, 1956,
pp 435-438.

AEC/NP-TX-202

Sci ..
Mar 59

JZ, J78

Silver Iodination and Periodate-Silver Iodination
Reaction in Different Types of Salicylate, etc.).
Bilin, U. Kosmann, W. Grassmann, 25 pp.

GERMANY, 1957, Z Naturforsch, Vol XXX, 1956,
pp 561-568.

REF 7-12

Sci. & Chemistry
Aug 59

93, 126

Compared Inactivation of E Coli B by Organic Peroxide
and UV Radiation With Special Reference to Heat and
Platinum Photo-Reactivation, by Von Werner Stein, Wolf-
gang Laskowski, 28 pp.

GERMAN, no per, Z Naturforsch, Vol A11b, 1956,
pp 643-653. 324 2000

ABC Tr 2997

52,449

Sci - Physics; Chemistry
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Metabolism of Embryonic Cells and Cancer Cells, by
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